

STATUS REPORT MISSING DETECTION IN A COMMUNICATION SYSTEM

Abstract

A method to detect a lost status report determines that a second status report is required when an AMD PDU not negatively acknowledged in the first status report, an AMD PDU with a polling bit set, or the last negatively acknowledged AMD PDU is received after the expiry of a roundtrip timer and before all the negatively acknowledged AMD PDUs in the first status report are received.

The method provides a deterministic way of detecting a lost status report, resulting in improved transmission throughput in a wireless communications system.